

I CLAIM:

- 1 1. A method of paging a receiving user via a
2 packet-switched digital data network, the method
3 comprising the steps of:
 - 4 a) an originating user E-mailing a paging
5 signal to a first web site or server in a paging system,
6 the first server located in a first country and the
7 paging signal including a pager I.D. of a pager belonging
8 to the receiving user and a paging message to be sent to
9 the pager;
 - 10 b) designating a second country in which the
11 receiving user is to be paged;
 - 12 c) the first web site or server transmitting
13 second server I.D. data, the pager I.D., and the paging
14 message over a land-based packet-switched digital data
15 network to a second web site or server located in the
16 designated second country; and
 - 17 d) the second server in the designated second
18 country causing a wireless transmitter located in the
19 second country to page the pager of the receiving user.

1 2. The method of claim 1, wherein said designating
2 in said step b) is carried out by the originating user
3 when the originating user E-mails the first server.

1 3. The method of claim 1, wherein said designating
2 in said step b) is carried out by the receiving user
3 prior to the originating user E-mailing the first web
4 site or server.

1 4. The method of claim 1, further comprising the
2 step of the receiving user listing at least three
3 countries for paging service prior to the originating
4 user E-mailing the first web site or server.

1 5. The method of claim 3, wherein the receiving
2 user performs said designating step by one of (i) E-
3 mailing to a web site or server in the paging system a
4 signal for designating the second country for paging; and
5 (ii) telephoning a web site or server in the paging
6 system and inputting the designated second country via
7 voice input or DTMF signals.

1 6. A method of paging a receiving user in a
2 country-selective global paging system, the method
3 comprising the steps of:
4 providing a global paging system spanning a
5 plurality of different countries around the world, the
6 global paging system including at least one web site or
7 server in each of the plurality of countries, each of the
8 servers being in communication with a wireless
9 transmitter for transmitting a paging message to a pager
10 of the receiving user;
11 interconnecting the plurality of servers by way
12 of a land-based packet-switched digital data network so
13 as to permit digital communication of paging signals
14 between the plurality of servers via the packet-switched
15 digital data network;
16 an originating user telephoning a first web
17 site or server located in a first country in order to
18 page the receiving user who is located in a second
19 country different from the first country, the originating
20 user not necessarily knowing what country the receiving
21 user is located in;

22 the paging system determining if the second
23 country is currently designated by the receiving user as
24 the designated country in which the paging system is to
25 first attempt to page the receiving user;

26 when the paging system determines that the
27 second country has been designated by the receiving user,
28 the first server sending a second web site or server in
29 the second country a paging communication over the
30 packet-switched digital data network instructing the
31 second web site or server to initiate paging the
32 receiving user in the second country; and

33 when the paging system determines that the
34 second country has not been designated by the receiving
35 user, the paging system initiating paging operations in a
36 predetermined list of different countries in a
37 predetermined order in an attempt to page the receiving
38 user.

1 7. The method of claim 6, wherein the digital data
2 network includes the Internet.

1 8. The method of claim 6, further comprising the
2 steps of:

3 providing the receiving user with a pager
4 having a predetermined number local to the first server
5 site;

6 the receiving user inputting the list of
7 different countries so as to enable the receiving user to
8 receive pages in each of the different countries on the
9 list via the global paging system.

1 9. The method of claim 8, further comprising the
2 step of the receiving user listing the different
3 countries in the predetermined order on the list so that
4 the global paging system may page the receiving user in
5 the different countries on the list, one at a time, in
6 the predetermined order.

1 10. A method of sending a voice message from one
2 location to another via a packetized digital data
3 network, the method comprising the steps of:
4 a caller dialing a first local web site or
5 server and inputting a number of a callee to be called;

6 the first server determining whether or not a
7 country or coverage area has been designated by the
8 callee based upon the number input by the caller;
9 when it is determined that a country or
10 coverage area has been designated by the callee, the
11 first server communicating with a second web site or
12 server located in the designated country or coverage area
13 via a packet-switched digital data network, and the
14 second server causing the callee to be telephoned in the
15 designated country or area, wherein the first and second
16 servers are located in different countries; and
17 when it is determined that no country or area
18 has been designated by the callee, the first server
19 initiating calls to the callee in a plurality of
20 different countries or coverage areas in a predetermined
21 order.

1 11. The method of claim 10, further comprising the
2 step of the caller and callee carrying on a telephone
3 conversation on their respective cellular phones via the
4 packet-switched digital data network after the second

5 server calls and communicates with the callee's cellular
6 phone.

1 12. A global country-selective paging system
2 comprising:

3 a plurality of web sites or servers, each of
4 said sites or servers being located in a different
5 country around the globe;

6 a land based packet-switched digital data
7 network interconnecting said plurality of servers around
8 the globe;

9 a pager to be paged belonging to a receiving
10 user;

11 means for allowing an originating user to
12 communicate with a first web site or server in a first
13 country in order to page the receiving user who's pager
14 is located in a second country different than the first
15 country;

16 means for transmitting a paging message from
17 said originating user to said first web site or server,
18 then to a second web site or server located in the second

19 country, and then to said pager of the receiving user;
20 and
21 designating means for designating the second
22 country.

1 13. The paging system of claim 12, wherein said
2 designating means further includes means for allowing the
3 originating user to designate the second country when the
4 originating user communicates with said first web site or
5 server.

1 14. The paging system of claim 12, wherein said
2 designating means further includes means for allowing the
3 receiving user to designate the second country for future
4 pages to said pager so that when the receiving user is
5 paged in the future, the paging system will first attempt
6 to page said pager of the receiving user in the
7 designated second country.